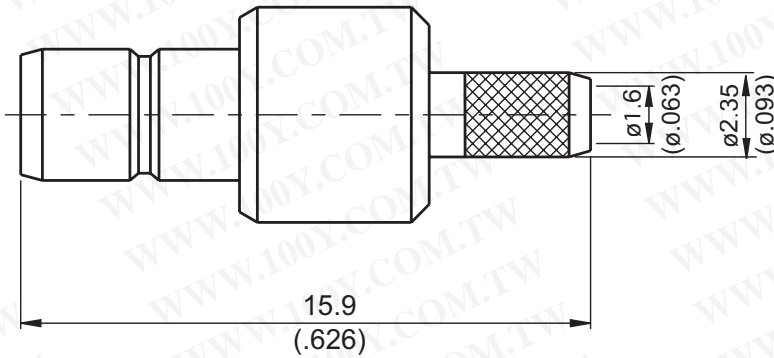


SMB8100-0316

SMB Jack Crimp

50Ω

勝特力材料 886-3-5753170  
 勝特力电子(上海) 86-21-54151736  
 勝特力电子(深圳) 86-755-83298787  
[Http://www.100y.com.tw](http://www.100y.com.tw)



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Gold 5 Over Nickel 50 Over Copper 50
Contact Pin	Brass	Gold 20 Over Nickel 50 Over Copper 50
Insulator	Teflon	
Barrel	Brass	Gold 5 Over Nickel 50 Over Copper 50
Body	Brass	Gold 5 Over Nickel 50 Over Copper 50

Weight: 1.66 g

Suitable Cables: RG174, RG188, RG316, RG316-E, RG316-FEP

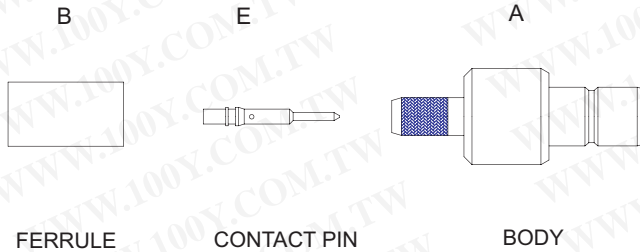
This part number complies with RoHS.

Notice: JYBBAO reserves the right to make modifications deemed appropriate.

# CABLE ASSEMBLY INSTRUCTION

SMB8100-0316

JYE BAO CO., LTD.



\* TOOLS AND FIXTURES ARE REFERENCE ON PAGE 306 OF JYEBAO'S 2005 CATALOG.

DIAGRAM	ASSEMBLY INSTRUCTION
<p>The diagram shows a cable with three conductors. Stripping dimensions are indicated: 10.4 mm [409] for the outer jacket, 5.9 mm [232] for the insulation on the center conductor, and 3.7 mm [146] for the insulation on the other two conductors.</p>	<p>Step 1: STRIP AS SHOWN .</p>
<p>The diagram shows the ferrule (B) and contact pin (E) being inserted into the stripped conductors. A label 'Y' points to the contact point where the pin meets the conductor.</p>	<p>Step 2: SLIDE FERRULE 'B' OVER CABLE. Step 3: PUT PIN 'E' ON CENTER CONDUCTOR AND AND SOLDER IN "Y".</p>
<p>The diagram shows the connector body (A) being slid onto the assembly, with the ferrule (B) and contact pin (E) now inside it.</p>	<p>Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR 'A' IN PLACE.</p>
<p>The diagram shows the ferrule (B) being crimped onto the connector body (A), completing the assembly.</p>	<p>Step 5: SLIDE FERRULE 'B' TOWARDS THE CONNECTOR 'A' AND CRIMP.</p>

This part number complies with RoHS.

Notice: JYEBAO reserves the right to make modifications deemed appropriate.

RG TYPE COAXIAL CABLE		RG316	
<b>DIMENSIONS</b>			
Center Conductor Diameter (inch)			0.02
(mm)			0.51
Dielectric Diameter (inch)			0.06
(mm)			1.52
Braid Diameter (inch)			0.078
(mm)			1.98
Jacket (inch)			0.098
(mm)			2.49
<b>MATERIAL SPECIFICATIONS</b>			
Jacket			FEP
Braid			SPC (Single Braid)
Dielectric			PTFE
Center Conductor			7/0067 SPCW
<b>ELECTRICAL CHARACTERISTICS</b>			
Impedance			50 Ohm
Capacitance (Nominal) (pF/ft)			32
(pF/m)			105
Velocity of Propagation (%)			69.5
Maximum Working Voltage			900
Max. Cond. Resistance (Ohms/100Ft)			8.41
(Ohms/100m)			27.6
Corona Extinction Voltage (K VRMS)			1.2
Min. Dielectric Strength (KV RMS)			2
Typical Attenuation At 20°C Average Power (Watts At 20°C)	Attenuation		Power
	dB/ 100Ft	dB/ 100M	
100MHz	8.5	28	430
400MHz	18.3	60	210
1GHZ	30.5	100	140
2.4GHZ	48.8	160	80
5GHz	67	220	55
<b>MECHANICAL CHARACTERISTICS</b>			
Max. Operating Temperature (°C)			-55/+200
Min. Bend Radius (inch)			0.5
(mm)			12.7
Weight (g/Ft)			4.5
(g/M)			15

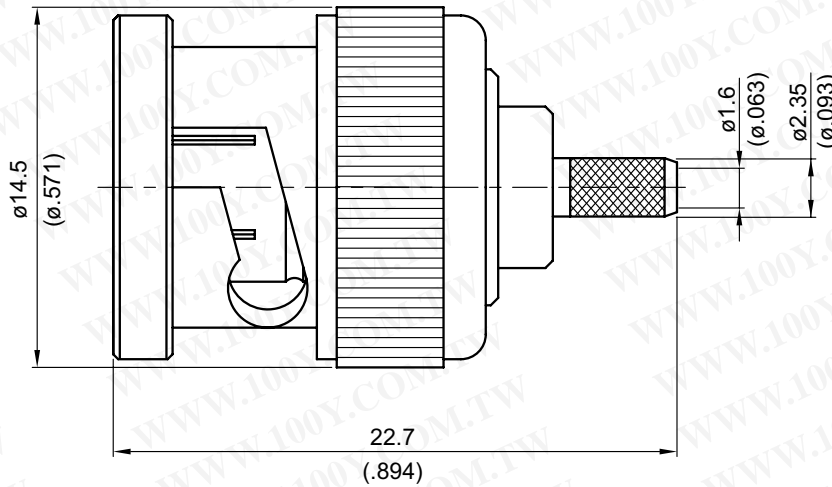
This part number complies with RoHS.

Notice: JYBAO reserves the right to make modifications deemed appropriate.

BNC3100-0316

BNC Plug Crimp

50Ω



Parts	Material	Plating (Micro-inch)
Ferrule	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Contact Pin	Brass	Gold 3 Over Nickel 50 Over Copper 50
Gasket	Silicone	
Washer	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Spring	SK5	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Insulator	Teflon	
Body	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50
Coupling Nut	Brass	Tin-Zinc-Copper-Alloy 100 Over Copper 50

Weight: 8.06 g

Suitable Cables: RG174, RG188, RG316, RG316-E, RG316-FEP

This part number complies with RoHS.

Notice: JYBAO reserves the right to make modifications deemed appropriate.

# CABLE ASSEMBLY INSTRUCTION

BNC3100-0316

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[Http://www.100y.com.tw](http://www.100y.com.tw)

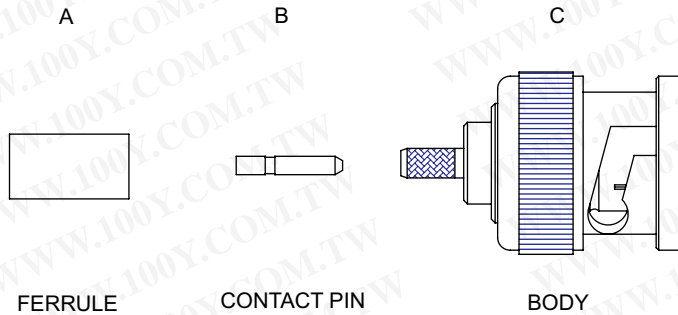


DIAGRAM	ASSEMBLY INSTRUCTION
	<p>Step 1: STRIP AS SHOWN.</p>
	<p>Step 2: SLIDE FERRULE "A" OVER CABLE.                  Step 3: PUT PIN "B" ON CENTER CONDUCTOR AND CRIMP IN "Y".</p>
	<p>Step 4: LOOSEN BRAIDING AND SLIDE CONNECTOR "C" IN PLACE.</p>
	<p>Step 5: SLIDE FERRULE "A" TOWARDS THE CONNECTOR AND CRIMP.</p>

This part number complies with RoHS.

Notice: JYBAO reserves the right to make modifications deemed appropriate.